



**Project # 2014-SESRIC-016**

**Improving Statistical Capacities of OIC Member Countries in Poverty Statistics**

**TRAINING COURSE ON  
MULTIDIMENSIONAL POVERTY MEASUREMENT**

Dakar, Senegal

30 November – 6 December 2015

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## **PURPOSE**

The purpose of this intensive training is to provide a thorough conceptual and technical introduction to some techniques of measuring multidimensional poverty with a strong emphasis on the Alkire Foster method. The empirical motivation for measuring multidimensional poverty will be presented as well as the conceptual motivation, drawing on Amartya Sen's capability approach.

## **COURSE TOPICS**

The following topics will be covered:

- Methodologies to analyse multidimensional poverty – dashboard, stochastic dominance, unmet basic needs and counting approaches – and the problems each methodology best solves;
- The Alkire Foster methodology of multidimensional poverty measurement;
- Selection of parameters – purpose, unit of measure, dimensions, indicators, cut-offs and weights;
- Estimation of multidimensional poverty and interpretation of the results;
- Subgroup decomposition and mapping;
- Multidimensional poverty dynamics;
- Institutions, policies, and communication.

## **COURSE FACILITATORS**

The training course will be led by the Researchers and Director of OPHI, University of Oxford. OPHI instructors including Sabina Alkire, Paola Ballón John Hammock, and Bouba Housseini.

## **COURSE FORMAT**

The training will consist of 7 days of instruction and working group sessions, taught in English. Simultaneous translation in Arabic and French will also be provided. Each participant needs to bring a laptop with STATA with them to do the problem sets. Participants will be actively involved in discussions and working through problem sets, and will be invited to share their experiences.



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**COURSE APPLICATION INFORMATION**

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<b>Audience</b>	The training courses is addressed to those who are working on, or actively interested in gaining skills in, multidimensional poverty measurement, particularly, professionals, government officials, academics, and post-graduate students. Applicants who are currently pursuing a research project or work on measurement are particularly welcome. Other applicants having a demonstrated research interest in empirical analysis in these topics will be considered on the basis of their experience and space availability.
<b>Pre-requisites</b>	<ul style="list-style-type: none"><li>• <b>A demonstrable knowledge of STATA is an <u>absolute</u> pre-requisite for attending the course.</b> Every attendant to the training course will need to have STATA 10 or higher installed in his/her laptop. The software <u>is not provided</u> by the organizers</li><li>• <b>Where possible, participants should have a strong knowledge in quantitative methods (e.g. econometrics, statistics, etc), and a strong interest in poverty measurement and analysis.</b></li></ul>
<b>Financial Support</b>	<ul style="list-style-type: none"><li>• Limited partial and full financial support will be available. Competition for financial support will be very strong. However, well qualified and committed applicants with financial need are strongly encouraged to apply.</li><li>• Successful applicants are also highly encouraged to seek support from their local governments and institutions. We would be happy to provide support letters for these funding applications.</li></ul>
<b>Application Form</b>	<ul style="list-style-type: none"><li>• To apply, please complete the enclosed application form together with your most recent curriculum vitae (CV) and passport copy to <a href="mailto:statistics@sesric.org">statistics@sesric.org</a>.</li><li>• The application process is competitive; applicants will be evaluated on the basis of the information provided in their application.</li></ul>
<b>Important Dates</b>	<ul style="list-style-type: none"><li>• <b>17 September 2015</b> Application deadline</li><li>• <b>30 September 2015</b> Acceptance emails will be sent starting from this date</li></ul>
<b>Venue</b>	To be announced on due course to the applicants.
<b>Questions?</b>	Please write to <b>Zehra Zumrut Selcuk</b> ( <a href="mailto:zkoc@sesric.org">zkoc@sesric.org</a> ) if you have any further questions.

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### Improving Statistical Capacities of OIC Member Countries in Poverty Statistics

## AGENDA

### DAY 1: 30 November 2015

<b>Time:</b>	<b>Item Description:</b>
09:00 – 10:30	Introduction & Overview of the training course
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Why Multidimensional (MD) Poverty Measures?
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	The Alkire Foster method
15:00 – 15:30	<i>Coffee Break</i>
16:00 – 17:30	Paper based exercises about Alkire Foster method

### DAY 2: 1 December 2015

<b>Time:</b>	<b>Item Description:</b>
08:30 – 09:30	Case Study: the International MPI & Databank
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Introduction to the Capability Approach
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	Normative issues (Purpose & Institutions) & Implementation (Dimensions, time, people process)
15:30 – 16:00	<i>Coffee Break</i>
16:00 – 17:30	Case Studies: National MD Poverty Measures

### DAY 3: 2 December 2015

<b>Time:</b>	<b>Item Description:</b>
09:00 – 10:30	Working Groups: Normative Issues
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	STATA Lab (descriptive statistics and exploring the dataset)
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	Working Groups: Creating the Deprivation Matrix
15:30 – 16:00	<i>Coffee Break</i>
16:00 – 17:30	Working Groups' Preparing Presentations



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**DAY 4: 3 December 2015**

<b>Time:</b>	<b>Item Description:</b>
09:00 – 10:30	Aggregated results / national results
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Decomposition by Subgroup & Dimension
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	Working Groups: Subgroup Decomposition, Maps & Dimensional Breakdown
15:30 – 16:00	Coffee Break
16:00 – 17:30	Sensitivity, Robustness Analysis & SE

**DAY 5: 4 December 2015**

<b>Time:</b>	<b>Item Description:</b>
09:00 – 10:30	Time Series & Chronicity
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Interpreting the MPI Results
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	Clarifying Concepts and Communicating your Results
15:30 – 16:00	Coffee Break
16:00 – 17:30	Institutions & Policy

**DAY 6: 5 December 2015**

<b>Time:</b>	<b>Item Description:</b>
09:00 – 10:30	Missing Dimensions of Household Surveys on Poverty
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Targeting and Impact Evaluation
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	Presentations of Working Group Results
15:30 – 16:00	Coffee Break
16:00 – 17:30	Presentations of Working Group Results

**DAY 7: 6 December 2015**

<b>Time:</b>	<b>Item Description:</b>
09:00 – 12:30	Presentations of Working Group Results
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	Review of Course and Closure
15:15 – 16:30	Non-compulsory exam